

ABSTRACT OF THE INVENTION

A method and system is disclosed for synchronizing the virtual and physical mouse cursors of a local computer and a remotely controlled computer. Video signals generated by a host computer are transmitted to a client computer in order to allow the user of a client computer to have a virtual presence on the host computer. However, the signals transmitted by the host computer may contain errors that can cause a physical mouse to lose synchronization with a virtual mouse. Therefore this virtual presence architecture uses USB protocol and human interface descriptors that support the movement of a mouse to an absolute position in order to synchronize a virtual mouse cursor with a physical mouse cursor.